Response to Office Action mailed July 27, 2007 U.S. Appl. No. 10/840,145 Art Unit 3635 – Attorney Docket 1764.001 Page 2

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

- (Currently Amended) A fire resistant vision panel for assembly in an opening passing through a door, the vision panel comprising:
- a first and second flange unit <u>each comprising a preassembled rectangular frame</u> sized to frame the opening and abut a front and rear face of the door
- sash elements adapted to extend into the opening from each of the first and second flange units to capture a transparent pane therebetween within the opening;
- at least one retention member attached to the first flange unit and extending into the opening to grip a sill surface of the opening thereby to retain the first flange unit and its sash element in position for assembly; and
- at least one fastener adapted to draw the first and second flange units and the sash elements together against the pane; and
- wherein the sash elements include inwardly spring-biased sharp edge portions in contact with said pane wherein said sharp edge portions will embed in said pane to grip the pane when said pane becomes semi-molten in fire.
- 2. (Currently Amended) The vision panel of claim 1 wherein the retention member has a hole at its-an inner end thereof and wherein the at least one retention member includes a nail passing through the hole into a core material of a sill surface of the opening to retain the retention member in the opening.
- 3. (Currently Amended) The vision panel of claim 1 wherein the fastener is a threaded fastener and wherein the second flange unit includes at least one hole for receiving the threaded fastener therethrough and wherein the retention member further includes a socket threadably receiving an end of the threaded fastener after it has passed through the hole.

Response to Office Action mailed July 27, 2007

U.S. Appl. No. 10/840,145

Art Unit 3635 - Attorney Docket 1764.001

Page 3

4. (Original) The vision panel of claim 3 wherein the socket is attached to the retention member

by a spring element allowing movement of the socket toward the second flange unit against a

spring force bias.

5. (Original) The vision panel of claim 4 wherein the spring element is a cantilevered tab

extending across an axis of the threaded fastener to flex with increased engagement of the

threaded fastener.

6. (Original) The vision panel of claim 3 wherein the threaded fastener includes a non-threaded

section limiting an engagement of the threaded fastener with the socket.

7. (Original) The vision panel of claim 1 wherein the opening is generally rectangular having

four pairwise opposed sill surfaces and wherein the vision panel includes four retention members

attached to the first flange unit and extending into the opening to grip each of the respective four

sill surfaces.

8. Canceled.

9. (Original) The vision panel of claim 1 wherein a surface of the retention member support

edges of the pane.

10. (Original) The vision panel of claim 1 wherein said flange units are comprised of straight

segments joined at corners by weld-type fastening.

{00140794.DOC / 3}

Response to Office Action mailed July 27, 2007

U.S. Appl. No. 10/840,145

Art Unit 3635 - Attorney Docket 1764.001

Page 4

11. (Currently Amended) A fire resistant vision panel for assembly in an opening through a door, the vision panel comprising:

a first and second flange unit sized to frame the opening and abut front and rear faces of the door:

sash elements adapted to extend into the opening from each of the first and second flange units to hold a transparent pane therebetween within the opening;

at least one spring member attached to the first flange unit and extending into the opening to support on a cantilevered tab, a threaded socket spring-biased toward the first flange unit along a direction therethrough the opening; and

a threaded fastener adapted to engage the second flange unit and the threaded socket to draw the first and second flange units and the sash elements together against the pane.

- 12. (Original). The vision panel of claim 11 wherein the threaded fastener includes a non-threaded section limiting a depth of engagement of the threaded fastener with the threaded socket by drawing a threaded portion of the threaded socket over the non-threaded section.
- 13. (Original) The vision panel of claim 12 wherein the limited depth of engagement provides a predetermined compressive force of the sash elements against the pane.
- 14. (Currently Amended) The vision panel of claim 11 wherein threaded soeket is attached to a the cantilevered tab of a member is attached to the first flange unit and extending into the opening, wherein the tab extends across an axis following a length of the threaded fastener to flex with increased engagement of the threaded fastener.
- 15. (Currently Amended) The vision panel of claim 14 wherein the threaded fastener includes a non-threaded section of a shaft of the threaded fastener and the depth of engagement of the

Response to Office Action mailed July 27, 2007

U.S. Appl. No. 10/840,145

Art Unit 3635 - Attorney Docket 1764.001

Page 5

threaded fastener with the threaded socket is limited by the bending of the tab causing a drawing

of a threaded portion of the threaded socket over the non-threaded section.

16. (Original) The vision panel of claim 15 wherein the limited depth of engagement provides a

predetermined compressive force of the sash elements against the pane.

17. (Original) The vision panel of claim 11 wherein the vision panel includes four retention

members attached to the first flange unit and extending into the opening to support separate four

threaded sockets.

18. (Currently Amended) The vision panel of claim 17 wherein the second flange frame has four

holes for receiving threaded fasteners to engage the four threaded sockets.

19. (Original) The vision panel of claim 11 wherein the sash elements include inwardly biased

sharp edge portions in contact with said panel member wherein said sharp edge portions will

embed in said panel member when said panel becomes semi-molten.

20. (Original) The vision panel of claim 11 wherein the upper surface of the retention member

support the bottom of the transparent pane.

{00140794.DOC / 3}